

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An image generation system comprising:

means for generating a motion of an object formed by a plurality of parts, by moving an Nth part through a physical simulation based on hit information when the Nth part is hit and sequentially transmitting the hit information to the N+1th, N+2th, N+3th parts so that the N+1th, the N+2th, the N+3th parts are sequentially moved through a physical simulation based on the transmitted hit information; and

means for generating an image including an image of the object on which the motion is generated.

- 2. (Original) The image generation system according to claim 1, wherein the hit information is a force vector in the direction of hitting, and wherein each of the parts is moved through a rotation moment obtained by the force vector.
- 3. (Original) The image generation system according to claim 2, wherein the magnitude of the force vector is sequentially attenuated while being transmitted to each of the parts.
- 4. (Original) The image generation system according to claim 1, wherein a rotational resistance force acts on each of the parts depending on the angular velocity of each of the parts.
- 5. (Original) The image generation system according to claim 1, wherein a restoring force for returning an object back to a given posture acts on each of the parts.

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B1 Cont 6. (Original) The image generation system according to claim 1,

wherein processing is switched from a play of the object's motion based on motion data to a generation of the object's motion through the physical simulation when the object is hit.

7. (Original)\The image generation system according to claim 1,

wherein processing is switched from a generation of the object's motion through the physical simulation to a play of the object's motion based on motion data when a given condition is satisfied.

8. (Currently Amended) An image generation system comprising:

means for playing a motion of an object formed by a plurality of parts based on prestored motion data;

means for generating the motion of the object through a physical simulation; and means for switching processing from a play of the object's motion based on motion data to a generation of the object's motion through a physical simulation when the object is hit.

9. (Currently Amended) An image generation system comprising:

means for playing a motion of an object formed by a plurality of parts based on <u>prestored</u> motion data;

means for generating the motion of the object through a physical simulation; and means for switching processing from a generation of the object's motion through a physical simulation to a play of the object's motion based on the motion data when a given condition is satisfied.

10. (Original) The image generation system according to claim 9,

wherein processing is switched from the generation of the object's motion through the physical simulation to the play of the object's motion based on the motion data, in at least one



of cases where a given time period has elapsed after the object has been hit and where a parameter relating to the object reaches a given value.

11. (Original) The image generation system according to claim 8, wherein the object is caused to perform a connecting motion which connects a motion generated by the physical simulation with a motion played based on the motion data.

12. (Original) The image generation system according to claim 9, wherein the object is caused to perform a connecting motion which connects a motion generated by the physical simulation with a motion played based on the motion data.

13. (Original) A computer-usable program embodied in an information storage medium or a carrier wave, comprising a processing routine for realizing:

means for generating a motion of an object formed by a plurality of parts, by moving an Nth part through a physical simulation based on hit information when the Nth part is hit and sequentially transmitting the hit information to the N+1th, N+2th, N+3th parts so that the N+1th, the N+2th, the N+3th parts are sequentially moved through a physical simulation based on the transmitted hit information; and

means for generating an image including an image of the object on which the motion is generated.

- 14. (Original) The program according to claim 13, wherein the hit information is a force vector in the direction of hitting, and wherein each of the parts is moved through a rotation moment obtained by the force vector.
- 15. (Original) The program according to claim 14, wherein the magnitude of the force vector is sequentially attenuated while being transmitted to each of the parts.

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16. (Original) The program according to claim 13,

wherein a rotational resistance force acts on each of the parts depending on the angular velocity of each of the parts.

17. (Original) The program according to claim 13,

wherein a restoring force for returning an object back to a given posture acts on each of the parts.

18. (Original) The program according to claim 13,

wherein processing is switched from a play of the object's motion based on motion data to a generation of the object's motion through the physical simulation when the object is hit.

19. (Original) The program according to claim 13,

wherein processing is switched from a generation of the object's motion through the physical simulation to a play of the object's motion based on motion data when a given condition is satisfied.

20. (Currently Amended) A computer-usable program embodied in an information storage medium or a carrier wave, comprising a processing routine for realizing:

means for playing a motion of an object formed by a plurality of parts based on <u>prestored</u> motion data;

means for generating the motion of the object through a physical simulation; and means for switching processing from a play of the object's motion based on motion data to a generation of the object's motion through a physical simulation when the object is hit.

21. (Currently Amended) A computer-usable program embodied in an information storage medium or a carrier wave, comprising a processing routine for realizing:



means for playing a motion of an object formed by a plurality of parts based on <u>prestored</u> motion data;

means for generating the motion of the object through a physical simulation; and means for switching processing from a generation of the object's motion through a physical simulation to a play of the object's motion based on the motion data when a given condition is satisfied.

22. (Original) The program according to claim 21,

wherein processing is switched from the generation of the object's motion through the physical simulation to the play of the object's motion based on the motion data, in at least one of cases where a given time period has elapsed after the object has been hit and where a parameter relating to the object reaches a given value.

23. (Original) The program adcording to claim 20,

wherein the object is caused to perform a connecting motion which connects a motion generated by the physical simulation with a motion played based on the motion data.

24. (Original) The program according to claim 21,

wherein the object is caused to perform a connecting motion which connects a motion generated by the physical simulation with a motion played based on the motion data.

25. (Previously Presented) An image generation method comprising:

generating a motion of an object formed by a plurality of parts, by moving an

Nth part through a physical simulation based on hit information when the Nth part is hit,

parts so that the N+1th, the N+2th, the N+3th ... parts are sequentially moved through a physical simulation based on the transmitted hit information; and

generating an image including an image of the object on which the motion is generated.

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26. (Previously Presented) The image generating method according to claim 25, wherein the hit information is a force vector in the direction of hitting, the method further comprising:

moving each of the parts through a rotation moment obtained by the force

27. (Previously Presented) The image generation method according to claim 26, further comprising:

sequentially attenuating the magnitude of the force vector while the force vector is transmitted to each of the parts.

28. (Previously Presented) The image generation method according to claim 25, further comprising:

acting a rotational resistance force on each of the parts depending on the angular velocity of each of the parts.

29. (Previously Presented) The image generation method according to claim 25, further comprising:

acting a restoring force for returning an object back to a given posture on each of the parts.

30. (Previously Presented) The mage generation method according to claim 25, further comprising:

switching processing from a play of the object's motion based on motion data to a generation of the object's motion through the physical simulation when the object is hit.

31. (Previously Presented) The image generation method according to claim 25, further comprising:

vector.



switching processing from a generation of the object's motion through the physical simulation to a play of the object's motion based on motion data when a given condition is satisfied.

32. (Currently Amended) An image generation method comprising:

playing a motion of an object formed by a plurality of parts based on prestored motion data;

generating the motion of the object through a physical simulation; and switching processing from a play of the object's motion based on motion data to a generation of the object's motion through a physical simulation when the object is hit.

33. (Currently Amended) An image generation method comprising:

playing a motion of an object formed by a plurality of parts based on prestored motion data;

generating the motion of the object through a physical simulation; and switching processing from a generation of the object's motion through a physical simulation to a play of the object's motion based on the motion data when a given condition is satisfied.

34. (Previously Presented) The image generation method according to claim 33, further comprising:

switching processing from the generation of the object's motion through the physical simulation to the play of the object's motion based on the motion data, in at least one of cases where a given time period has elapsed after the object has been hit and where a parameter relating to the object reaches a given value.

35. (Previously Presented) The image generation method according to claim 32, further comprising:

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causing the object to perform a connecting motion which connects a motion generated by the physical simulation with a motion played based on the motion data.

36. (Previously Presented) The image generation method according to claim 33, further comprising:

causing the object to perform a connecting motion which connects a motion generated by the physical simulation with a motion played based on the motion data.